



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/497,997A
Source: 1648 RUSH
Date Processed by STIC: 4/16/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

RAW SEQUENCE LISTING DATE: 04/16/2001
 PATENT APPLICATION: US/09/497,997A TIME: 12:01:00

Input Set : A:\06600166.txt
 Output Set: N:\CRF3\04162001\I497997A.raw

P. 4

**Does Not Comply
 Corrected Diskette Needed**

```

3 <110> APPLICANT: TERNYNCK, THERESA
4     AVRAMEAS, ALEXANDRE
5     BUTTIN, GERARD
6     AVRAMEAS, STRAITIS
7     SARON, MARIE-FRANCOISE
8     BLONDEL, BRUNO
9     COUDERC, THERESA
10    MICHELSON, SUSAN
11    ZIPETO, DONATO
13 <120> TITLE OF INVENTION: VECTORS DERIVED FROM ANTIBODIES FOR TRANSFERRING SUBSTANCES INTO CELLS
15 <130> FILE REFERENCE: 0660-0166-0XCONT
17 <140> CURRENT APPLICATION NUMBER: 09/497,997A
18 <141> CURRENT FILING DATE: 2000-02-04
20 <150> PRIOR APPLICATION NUMBER: PCT/FR98/01740
21 <151> PRIOR FILING DATE: 1998-08-04
23 <160> NUMBER OF SEQ ID NOS: 35
25 <170> SOFTWARE: PatentIn version 3.0
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 17
29 <212> TYPE: PRT
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <221> NAME/KEY: misc_feature
34 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
37 <400> SEQUENCE: 1
39 Thr Arg Gln Lys Tyr Asn Lys Arg Ala Met Asp Tyr Trp Gly Gln Gly
40 1           5           10           15
42 Thr
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 17
47 <212> TYPE: PRT
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <221> NAME/KEY: misc_feature
52 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
55 <400> SEQUENCE: 2
57 Thr Arg Gln Lys Tyr Gly Lys Arg Gly Met Asp Tyr Trp Gly Gln Gly
58 1           5           10           15
60 Thr
63 <210> SEQ ID NO: 3
64 <211> LENGTH: 18
65 <212> TYPE: PRT
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <221> NAME/KEY: misc_feature
70 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
73 <400> SEQUENCE: 3

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75 Thr Arg Gln Ala Arg Ala Thr Trp Asp Trp Phe Ala Tyr Trp Gly Gln
76 1                      5                      10                      15
78 Gly Thr
81 <210> SEQ ID NO: 4
82 <211> LENGTH: 22
83 <212> TYPE: PRT
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <221> NAME/KEY: misc_feature
88 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
91 <400> SEQUENCE: 4
93 Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp Thr
94 1                      5                      10                      15
96 Val Lys Gly Arg Phe Thr
97                      20
99 <210> SEQ ID NO: 5
100 <211> LENGTH: 21
101 <212> TYPE: PRT
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <221> NAME/KEY: misc_feature
106 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
109 <400> SEQUENCE: 5
111 Val Ala Tyr Ile Ser Arg Gly Gly Gly Ile Phe Tyr Tyr Glu Asp Ser
112 1                      5                      10                      15
114 Ile Lys Gly Arg Phe
115                      20
117 <210> SEQ ID NO: 6
118 <211> LENGTH: 23
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <221> NAME/KEY: misc_feature
124 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
127 <400> SEQUENCE: 6
129 Val Ala Ala Ile Ser Arg Gly Gly Gly Tyr Ser Tyr Tyr Leu Asp Ser
130 1                      5                      10                      15
132 Val Lys Gly Arg Phe Thr Ile
133                      20
135 <210> SEQ ID NO: 7
136 <211> LENGTH: 30
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <221> NAME/KEY: misc_feature
142 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
145 <400> SEQUENCE: 7
147 Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp Thr
148 1                      5                      10                      15

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150 Val Lys Gly Arg Phe Thr Arg Gln Lys Tyr Asn Lys Arg Ala
151          20          25          30
153 <210> SEQ ID NO: 8
154 <211> LENGTH: 12
155 <212> TYPE: PRT
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <221> NAME/KEY: misc_feature
160 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
163 <400> SEQUENCE: 8
165 Ala Arg Gln Lys Tyr Asn Lys Arg Ala Met Asp Tyr
166 1          5          10
168 <210> SEQ ID NO: 9
169 <211> LENGTH: 31
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <221> NAME/KEY: misc_feature
175 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
178 <400> SEQUENCE: 9
180 Cys Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp
181 1          5          10          15
183 Thr Val Lys Gly Arg Phe Thr Arg Gln Lys Tyr Asn Lys Arg Ala
184          20          25          30
186 <210> SEQ ID NO: 10
187 <211> LENGTH: 30
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <221> NAME/KEY: misc_feature
193 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
196 <400> SEQUENCE: 10
198 Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp Thr
199 1          5          10          15
201 Val Lys Gly Arg Phe Thr Arg Gln Lys Tyr Asn Lys Arg Ala
202          20          25          30
204 <210> SEQ ID NO: 11
205 <211> LENGTH: 26
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <221> NAME/KEY: misc_feature
211 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
214 <400> SEQUENCE: 11
215 gttctgacta gtgggcactc tgggct          26
218 <210> SEQ ID NO: 12
219 <211> LENGTH: 26
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence

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223 <220> FEATURE:
224 <221> NAME/KEY: misc_feature
225 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
228 <400> SEQUENCE: 12
229 gaggttcagc tcgagcagtc tggggc 26
232 <210> SEQ ID NO: 13
233 <211> LENGTH: 26
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <221> NAME/KEY: misc_feature
239 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
242 <400> SEQUENCE: 13
243 gaggtgaagc tcgaggaatc tggagg 26
246 <210> SEQ ID NO: 14
247 <211> LENGTH: 25
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <221> NAME/KEY: misc_feature
253 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
256 <400> SEQUENCE: 14
257 gaagtgcagc tcgaggagtc tgggg 25
260 <210> SEQ ID NO: 15
261 <211> LENGTH: 26
262 <212> TYPE: DNA
C--> 263 <213> ORGANISM: Artificial/Unknown invalid - per 1.823 of Sequence Rules, the
265 <220> FEATURE: only valid <213> responses are: Unknown,
266 <221> NAME/KEY: misc_feature Artificial Sequence,
267 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA or scientific name
270 <400> SEQUENCE: 15 (Genus/species)
271 gaggttcagc tcgagcagtc tggagc 26 (one of the three)
274 <210> SEQ ID NO: 16
275 <211> LENGTH: 17
276 <212> TYPE: PRT
277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <221> NAME/KEY: misc_feature
281 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
284 <400> SEQUENCE: 16
286 Thr Arg Gln Lys Tyr Asn Lys Arg Ala Met Asp Tyr Trp Gly Gln Gly
287 1 5 10 15
289 Thr
292 <210> SEQ ID NO: 17
293 <211> LENGTH: 18
294 <212> TYPE: PRT
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <221> NAME/KEY: misc_feature

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299 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
 302 <400> SEQUENCE: 17
 304 Thr Arg Gln Lys Tyr Asn Lys Lys Arg Gly Met Asp Tyr Trp Gly Gln
 305 1 5 10 15
 307 Gly Thr
 310 <210> SEQ ID NO: 18
 311 <211> LENGTH: 18
 312 <212> TYPE: PRT
 313 <213> ORGANISM: Artificial Sequence
 315 <220> FEATURE:
 316 <221> NAME/KEY: misc_feature
 317 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
 320 <400> SEQUENCE: 18
 322 Thr Arg Gly Ala Arg Ala Thr Trp Asp Trp Phe Ala Tyr Trp Gly Gln
 323 1 5 10 15
 325 Gly Thr
 328 <210> SEQ ID NO: 19
 329 <211> LENGTH: 21
 330 <212> TYPE: PRT
 331 <213> ORGANISM: Artificial Sequence
 333 <220> FEATURE:
 334 <221> NAME/KEY: misc_feature
 335 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
 338 <400> SEQUENCE: 19
 340 Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp Thr
 341 1 5 10 15
 343 Val Lys Gly Arg Phe
 344 20
 346 <210> SEQ ID NO: 20
 347 <211> LENGTH: 22
 348 <212> TYPE: PRT
 349 <213> ORGANISM: Artificial Sequence
 351 <220> FEATURE:
 352 <221> NAME/KEY: misc_feature
 353 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
 356 <400> SEQUENCE: 20
 358 Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp Thr
 359 1 5 10 15
 361 Val Lys Gly Arg Phe Thr
 362 20
 364 <210> SEQ ID NO: 21
 365 <211> LENGTH: 20
 366 <212> TYPE: PRT
 367 <213> ORGANISM: Artificial Sequence
 369 <220> FEATURE:
 370 <221> NAME/KEY: misc_feature
 371 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
 374 <400> SEQUENCE: 21
 376 Val Ala Tyr Ile Ser Arg Gly Gly Ile Phe Tyr Tyr Gln Asp Ser Ile

VERIFICATION SUMMARY

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L:263 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15